

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number 10/531,077	
		Filing Date 2005-04-12	
		First Named Inventor Proctor et al.	
		Art Unit 2618	
		Examiner Name SOBOTKA, PHILIP	
Sheet 1 of 10	Attorney Docket No.: 080587		

Examiner Initials*	Cite No.	Document Number Number-Kind Code (if known)	U.S. PATENT DOCUMENTS		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
	001	US4000467	12-28-1976	Lentz et al.	
	002	US4061970	12-06-1977	Magneron et al.	
	003	US4124825	11-07-1978	Webb et al.	
	004	US4701935	10-20-1987	Namiki et al.	
	005	US4922259	05-01-1990	Hall et al.	
	006	US5280480	01-18-1994	Pitt et al.	
	007	US5349463	09-20-1994	Hirohashi et al.	
	008	US5371734	12-06-1994	Fischer et al.	
	009	US5373503	12-13-1994	Chen et al.	
	010	US5408197	04-18-1995	Miyake et al.	
	011	US5430726	07-04-1995	Moorwood et al.	
	012	US5485486	01-16-1996	Gilhausen; Klein S. et al.	
	013	US5509028	04-16-1996	Marque-Pucheu et al.	
	014	US5608755	03-04-1997	Rakib et al.	
	015	US5610916	03-11-1997	Kostreski et al.	
	016	US5648984	07-15-1997	Kroninger et al.	
	017	US5654979	08-05-1997	Levin; Jeffrey A. et al.	
	018	US5678198	10-14-1997	Lemson et al.	
	019	US5726980	03-10-1998	Rickard et al.	
	020	US5732334	03-24-1998	Miyake et al.	
	021	US5754540	05-19-1998	Liu et al.	

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 See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).
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Examiner Name		SOBUTKA, PHILIP
Attorney Docket No.		080587

Sheet 2 of 10

Examiner Initials*	Cite No.†	Document Number Number-Kind Code 2(d known)	U. S. PATENT DOCUMENTS		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
	022	US5764636	06-09-1998	Edsall et al.	
	023	US5784683	07-21-1998	Sistanizadeh et al.	
	024	US5852629	12-22-1998	Iwamatsu et al.	
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	026	US5884181	03-16-1999	Arnold et al.	
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	028	US6014380	01-11-2000	Hendel et al.	
	029	US6032194	02-29-2000	Gai et al.	
	030	US6061548	05-09-2000	Reudink et al.	
	031	US6088570	07-11-2000	Komara et al.	
	032	US6101400	08-08-2000	Ogaz et al.	
	033	US6108364	08-22-2000	Weaver, Jr et al.	
	034	US6128512	10-03-2000	Trompower et al.	
	035	US6188694	02-13-2001	Fine et al.	
	036	US6195051	02-27-2001	McCoy et al.	
	037	US6202114	03-13-2001	Dutt et al.	
	038	US6215982	04-10-2001	Trompower et al.	
	039	US6219739	04-17-2001	Dutt et al.	
	040	US6222503	04-24-2001	Gietema et al.	
	041	US6272351	08-07-2001	Langston et al.	
	042	US6285863	09-04-2001	Zhang et al.	

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First Named Inventor	Proctor et al.
Art Unit	2618
Examiner Name	SOBUTKA, PHILIP

Sheet 3 of 10 Attorney Docket No: 080587

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number/Kind Code <small>(2nd known)</small>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	043	US6298061	10-02-2001	Chin et al.	
	044	US6304563	10-16-2001	Blessent et al.	
	045	US6304575	10-16-2001	Carroll et al.	
	046	US6331792	12-18-2001	Tonietto et al.	
	047	US6339694	01-15-2002	Komara et al.	
	048	US6342777	01-29-2002	Takahashi et al.	
	049	US6363068	03-26-2002	Kinoshita et al.	
	050	US6370185	04-09-2002	Schmutz et al.	
	051	US6370369	04-09-2002	Kraiem et al.	
	052	US6377612	04-23-2002	Baker et al.	
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	054	US6388995	05-14-2002	Gai et al.	
	055	US6473131	10-29-2002	Neugebauer et al.	
	056	US6501955	12-31-2002	Durrant et al.	
	057	US6535732	03-18-2003	McIntosh et al.	
	058	US6539204	03-25-2003	Marsh et al.	
	059	US6549567	04-15-2003	Fullerton et al.	
	060	US6628624	09-30-2003	Mahajan et al.	
	061	US6671502	12-30-2003	Ogawa et al.	
	062	US6684058	01-27-2004	Karacaoglu et al.	
	063	US6718160	04-06-2004	Schmutz et al.	

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Sheet 4 of 10 Attorney Docket No.: 080587

U.S. PATENT DOCUMENTS				Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Examiner Initials*	Cite No. ¹	Document Number (2 if known)	Publication Date MM-DD-YYYY	
	064	US6728541	04-27-2004	Ohkura et al.
	065	US6781544	08-24-2004	Saliga et al.
	066	US6906669	06-14-2005	Sabet et al.
	067	US6934511	08-23-2005	Lovinggood et al.
	068	US6944139	09-13-2005	Campanella et al.
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	070	US6983162	01-03-2006	Garani et al.
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	072	US6990313	01-24-2006	Yarkosky et al.
	073	US7027418	04-11-2006	Gan et al.
	074	US7058368	06-06-2006	Nicholls et al.
	075	US7088734	08-08-2006	Newberg et al.
	076	US7103344	09-05-2006	Menard et al.
	077	US7123676	10-17-2006	Gebara et al.
	078	US7132988	11-07-2006	Yegin et al.
	079	US7133391	11-07-2006	Belcea et al.
	080	US7139527	11-21-2006	Tamaki et al.
	081	US7193975	03-20-2007	Tsutsumi et al.
	082	US7194275	03-20-2007	Bolin et al.
	083	US7200134	04-03-2007	Proctor, Jr et al.
	084	US7215964	05-08-2007	Miyake et al.

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Sheet

5

of

10

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number-Kind Code 2(d) known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	085	US7233771	06-19-2007	Proctor, Jr et al.	
	086	US7299005	11-20-2007	Yarkosky et al.	
	087	US7319714	01-15-2008	Sakata et al.	
	088	US7409186	08-06-2008	Van Buren et al.	
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	091	US7590145	09-15-2009	Futch et al.	
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	094	US20070286110	12-13-2007	James A. JR et al.	
	095	US20010031646	10-18-2001	Williams, Terry L et al.	
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	097	US20020061031	05-23-2002	Sugar, Gary L et al.	
	098	US20020102948	08-01-2002	Stanwood, Kenneth L et al.	
	099	US20020115409	08-22-2002	Khayrallah, Ali S et al.	
	100	US20020136268	09-26-2002	Gan, Hongbing et al.	
	101	US20020141435	10-03-2002	Newberg, Donald G et al.	
	102	US20020163902	11-07-2002	Takao, Toshiaki et al.	
	103	US20020177401	11-28-2002	Judd, Mano D et al.	
	104	US20030026363	02-06-2003	Stotter, Jan et al.	
	105	US20030139175	07-24-2003	Kim, Jong-Hwan et al.	

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	106	US20030179734	09-25-2003	Tsutsumi, Takayuki et al.	
	107	US20030236069	12-25-2003	Sakata, Ren et al.	
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	109	US20040038707	02-26-2004	Kim, Hyeong Seog et al.	
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	116	US20040176050	09-09-2004	Steer, David et al.	
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	118	US20040218683	11-04-2004	Batra, Anuj et al.	
	119	US20040229563	11-18-2004	Fitton, Michael Philip et al.	
	120	US20040264511	12-30-2004	Futch, Richard J et al.	
	121	US20050014464	01-20-2005	Larsson, Peter et al.	
	122	US20050030891	02-10-2005	Stephens, Adrian P et al.	
	123	US20050130587	06-16-2005	Suda, Hirohito et al.	
	124	US20050201315	09-15-2005	Lakkis, Ismail et al.	
	125	US20050254442	11-17-2005	Proctor, James A. JR et al.	

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	126	US20060035643		02-16-2006	Vook et al.	
	127	US20060052066		03-09-2006	Cleveland et al.	
	128	US20060052099		03-09-2006	Parker et al.	
	129	US20060056352		03-16-2006	Proctor et al.	
	130	US20060063485		03-23-2006	Gainey et al.	
	131	US20060098592		05-11-2006	Proctor Jr et al.	
	132	US20060262026		11-23-2006	Gainey et al.	
	133	US20070025349		02-01-2007	Bajic et al.	
	134	US20070121546		05-31-2007	Zuckerman et al.	
	135	US20080057862		03-06-2008	Smith et al.	
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		Country Code 3-Number 4(Kind Code 5(if known))				
	137	WO0208857A2		01-31-2002	CADENCE DESIGN SYSTEMS INC [US]	
	138	WO2004062305A1		07-22-2004	WIDEFI INC [US] et al.	

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
	139	ANDRISANO, et al., "On the Spectral Efficiency of CPM Systems over Real Channel in the Presence of Adjacent Channel and CoChannel Interference: A Comparison between Partial and Full Response Systems, IEEE Transactions on Vehicular Technology, Vol. 39, No. 2, May 1990.	
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	150	Second Office Action issued from the Chinese Patent Office on July 20, 2007 in connection with corresponding Chinese application No. 200380101286.2.	
	151	Specifications for 2.3 GHz Band Portable Internet Service - Physical & Medium Access Control Layer, TTAS KO-06 0082/R1, December 2005.	

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STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number	10/531,077
Filing Date	2005-04-12
First Named Inventor	Proctor et al.
Art Unit	2618
Examiner Name	SOBUTKA, PHILIP

Sheet	9	of	10	Attorney Docket No:	080587
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume- issue number(s), publisher, city and/or country where published.	1
	152	Third Office Action issued from the Patent Office of People's Republic of China dated January 4, 2008 in corresponding Chinese Patent Application No. 200380101286.2.	
	153	U.S. PTO Office Action mailed on April 17, 2007 for the corresponding parent patent application No. 11/339,838, now U.S. Patent No. 7,230,935.	
	154	U.S. PTO Office Action mailed on January 24, 2007 for the corresponding parent patent application No. 11/339,838, now U.S. Patent No. 7,230,935.	
	155	U.S. PTO Office Action mailed on November 21, 2006 for the corresponding parent patent application No. 11/339,838, now U.S. Patent No. 7,230,935.	
	156	U.S. PTO Office Action mailed on November 6, 2006 for the corresponding parent patent application No. 11/339,838, now U.S. Patent No. 7,230,935.	

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